MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

CertainTeed Corporation
18 Moores Road
Malvern, PA 19355

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Flintlastic Self-Adhered Roofing Systems Over Wood Decks

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #15-0108.03 and consists of pages 1 through 19.
The submitted documentation was reviewed by Alex Tigera.

MIAMI-DADE COUNTY APPROVED

ROOFING ASSEMBLY APPROVAL

Category:	Roofing
Sub-Category:	Modified Bitumen
Material:	SBS
Deck Type:	Wood
Maximum Design Pressure	-127.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Spec	Description
Flintlastic SA NailBase	39 3/8" x 66'6"; Roll weight: 82 lbs. (2 squares)	ASTM D 4601, Type II	Fiberglass reinforced, SBS modified bitumen base sheet.
All Weather/Empire Base Sheet	39 3/8" x 65'10"; Roll weight: 70 lbs. (2 squares)	ASTM D 4601 Type II UL Type G2	Asphalt coated, fiberglass reinforced base sheet.
Yosemite Venting Base Sheet	39 3/8" x 32'10"; Roll weight: 85 lbs. (1 square)	ASTM D 3909 ASTM D 4897, Type II UL Type G3	Mineral Surfaced fiberglass reinforced buffer sheet.
Flexiglas Base Sheet	39 3/8" x 98'9"; Roll weight: 90 lbs. (3 squares)	ASTM D 4601, Type II UL Type G2	Modified Bitumen coated fiberglass base sheet.
Flintlastic Poly SMS Base Sheet	39 3/8" x 64' 3"; Roll weight: 90 lbs. (2 squares)	ASTM D 4601, Grade S, Type II UL Type G2	Modified Bitumen coated polyester base sheet.
Glasbase Base Sheet	39 3/8" x 98'9"; Roll weight: 75 lbs. (3 squares)	ASTM D 4601 Type II UL Type G2	Asphalt coated, fiberglass base sheet.
Flintlastic Ultra Poly SMS Base Sheet	39 3/8" x 32' 10"; Roll weight: 90 lbs. (1 square)	ASTM D 6164, Grade S, Type I	Smooth surfaced SBS Modified Bitumen Membrane with non-woven polyester mat reinforcement for mop applications.
Flintlastic SA PlyBase	39 3/8" x 66'6"; Roll weight: 86 lbs. (2 squares)	ASTM D 1970	Self-adhering, fiberglass reinforced, SBS modified bitumen base/ply sheet.
Flintlastic SA Mid Ply	39 3/8" x 32'1"; Roll weight: 62 lbs. (1 square)	ASTM D 6163, Grade S, Type I	Self-adhering, polyester reinforced, SBS modified bitumen ply sheet.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Spec	Description
Flintlastic SA Cap FR	39 3/8" x 32'11"; Roll weight: 88 lbs. (1 square)	ASTM D 6163, Grade G, Type I	Self-adhering, fiberglass reinforced, SBS modified bitumen cap sheet.
Flintlastic SA Cap FR CoolStar	39 3/8" x 32'11"; Roll weight: 90 lbs. (1 square)	ASTM D 6163, Grade G, Type I	Self-adhering, fiberglass reinforced, SBS modified bitumen cap sheet with reflective coating.
Flintlastic SA Cap	39 3/8" x 32'11"; Roll weight: 95 lbs. (1 square)	ASTM D 6164, Grade G, Type I	Self-adhering, polyester reinforced, SBS modified bitumen cap sheet.
Flintlastic SA Cap CoolStar	39 3/8" x 32'11"; Roll weight: 98 lbs. (1 square)	ASTM D 6164, Grade G, Type I	Self-adhering, polyester reinforced, SBS modified bitumen cap sheet with reflective coating.
FlintPrime Asphalt	1, 3 or 5 gal pail	ASTM D 41	Asphalt primer
FlintPrime SA	1, 3 or 5 gal pail	Proprietary	Water-based, polymer modified primer.

APPROVED INSULATIONS:

TABLE 2

Product	Product Description	Manufacturer (with current NOA)
FlintBoard ISO, FlintBoard ISO_H	Polyisocyanurate insulation	CertainTeed Corp.
ACFoam-II	Polyisocyanurate insulation	Atlas Roofing Corp.
ENRGY 3	Polyisocyanurate insulation	Johns Manville Corp.
H-Shield	Polyisocyanurate insulation	Hunter Panels, LLC.
Multi-Max FA-3	Polyisocyanurate insulation	Rmax Operating, LLC.
DensDeck, DensDeck Prime	Gypsum coverboard	Georgia Pacific Gypsum LLC.
SECUROCK Gypsum-Fiber Roof Board	homogenous fiber reinforced	USG Corp.

APPROVED FASTENERS:

TABLE 3

Fastener Number	Product Name	Product Description	Manufacturer (with current NOA)
1.	Dekfast 14	Roofing screw	SFS Intec, Inc.
2.	Trufast #14 HD Fastener	Roofing screw	Altenloh, Brinck & Co. U.S., Inc.
3.	#14 Roogrip	Roofing screw	OMG, Inc.
4.	OMG Heavy Duty	Roofing screw	OMG, Inc.
5.	FlintFast #14 Fastener	Roofing screw	CertainTeed Corp.
6.	Dekfast 12	Roofing screw	SFS Intec, Inc.
7.	#12 Standard Roofgrip	Insulation fastener	OMG, Inc.
8.	3 in. Round Metal Plate	3" round galvalume AZ50 steel plate	OMG, Inc.
9.	Trufast #12 DP Fastener	Roofing screw	Altenloh, Brinck & Co. U.S., Inc.
10.	FlintFast #12 Fastener	Roofing screw	CertainTeed Corp.
11.	Dekfast Hex Plate	hexagonal steel plate	SFS Intec, Inc.
12.	Flat Bottom Metal Plate	3” square steel plate	OMG, Inc.
13.	Trufast 3” Metal Insulation Plate	3” round steel plate	Altenloh, Brinck & Co. U.S., Inc.
14.	FlintFast 3” Metal Insulation Plate	3” round steel plate	CertainTeed Corp.

APPROVED SURFACING/COATING OPTIONS:

TABLE 4

Chosen components must be applied according to manufacturer's application instructions. Any coating, listed below, used as a surfacing, must be listed within a current NOA.

System Number	Manufacturer	Application
1.	Generic	Gravel applied at 400 lbs/sq., adhered with flood coat of asphalt at 60 lbs/sq.
2.	Generic	Slag applied at 300 lbs/sq., adhered with flood coat of asphalt at 60 lbs/sq.
3.	Karnak Corp.	Karnak (#97 AF) Fibrated Aluminum Roof Coating applied at an application rate of 1.5 gal/sq.
4.	CertainTeed Corp.	FlintCoat A-150 applied at an application rate of 1.5 gal/sq.
5.	Gardner Asphalt Corp.	APOC #212 Fibered Aluminum Roof Coating applied at an application rate of 1.5 gal/sq.
6.	Gardner Asphalt Corp.	APOC #400 Sunbrite applied at an application rate of 3 gal./sq.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Description	Date
Underwriters Laboratories	R11656	UL790	Annually
Momentum Technologies, Inc.	DX08C4A	Physical Properties	03/22/04
	DX20E3A	Physical Properties	03/22/04
Factory Mutual Research	3009610	FM 4450	10/15/01
	2D5A9.AM	FM 4450	06/22/99
	3014751	FM 4450	08/12/03
	3014692	FM 4450	08/05/03
	3012321	FM 4450	07/29/02
	3008869	FM 4470	03/19/01
	3037127	FM 4470	01/11/10
	3039046	FM 4470	06/15/10
	3048520	FM 4470	09/19/13
	3025766	FM 4470	11/13/06
Trinity | ERD	3518.12.03	TAS 114-F/G/I	12/01/03
	C3519.12.03-R1	TAS 114-D/J & TAS 117(B)	04/15/11
	03515.07.03-1-R1	TAS 114-J & TAS 117(B)	06/27/12
	3521.07.04	TAS 114-J & TAS 117(B)	07/28/04
	3522.07.04	TAS 114-D	07/28/04
	C31410.06.10	ASTM D 5147/4798	06/03/10
	C7290.01.08	ASTM D 4601/1970	01/16/08
	C8370.08.08-R1	TAS 114-H/J & TAS 117(B)	10/05/09
	C8500SC.11.07-R1	ASTM D 6862/TAS 117(B)	08/07/09
	C30310.12.09	TAS 114 / TAS 117	12/17/09
	C10080.09.08-R4	ASTM D 5147/6163/6164 ASTM D 6222/3909	03/25/10
	C10080.09.10-R1	ASTM D 5147 & 6163	11/18/10
	C30560.06.10	TAS 114 / TAS 117	06/10/10
	C32830.07.10	FM 4470 / TAS 114	07/20/10
	C32970.09.10	ASTM D 6163	09/16/10
	3513.08.02-R1	TAS 114 / TAS 117	03/17/11
	C32970.04.11	ASTM D 6164	04/01/11
	C35500.02.11	TAS 117(B)	02/09/11
	C35460.05.11	ASTM D1876	06/16/11
	C45620.03.14	ASTM D1876, TAS 114 (H), FM 4474	03/27/14
	C47350.50.14	FM 4470	05/22/14
	C44580.07.13	ASTM D 1876, TAS 114, FM 4474	07/25/13
	C42110.08.12	TAS 114 & TAS 117	08/13/12
PRI Construction Materials Technologies	CTC-034-02-01 REV	ASTM D 6163	11/24/08
	CTC-032-02-01	ASTM D6163	01/22/08
	CTC-066-02-01	ASTM D6163	08/09/11
	CTC-070-02-01	ASTM D6222	08/09/11

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Description	Date
	CTC-093-02-01	ASTM D6164/4798	08/09/11
	CTC-122-02-01	ASTM D2178	03/13/12
	CTC-123-02-01	ASTM D2178	03/13/12
	CTC-127-02-01	ASTM D4601	03/13/12
	CTC-128-02-01	ASTM D6163	06/11/12
	CTC-129-02-01	ASTM D6163	06/11/12
	CTC-132-02-01	ASTM D6164	06/11/12
	CTC-162-02-01	ASTM D6164	05/09/13
	CTC-161-02-01	ASTM D6164	05/09/13
	CTC-183-02-01	ASTM D6162	10/02/13
	CTC-190-02-01	ASTM D6164	12/02/13
	CTC-199-02-01	ASTM D1970	01/22/14

APPROVED ASSEMBLIES:

Membrane Type: APP/SBS MODIFIED, SELF-ADHERING

Deck Type 1I: Wood, Insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank.

System Type A(1): Anchor sheet mechanically fastened, optional top layer adhered with approved adhesive

All General and System Limitations apply.

Anchor Sheet: One ply of All Weather/ Empire Base Sheet, Yosemite Venting Base Sheet, Flexiglas Base Sheet, Flintlastic Poly SMS Base Sheet or Flintlastic Ultra Poly SMS Base Sheet mechanically attached as detailed below.

Fastening: Anchor sheet shall be fastened with FBC HVHZ nails and tin caps spaced 8" o.c. at the 3" lap and 8" o.c. in three, equally spaced center rows.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
H-Shield, FlintBoard$_H$ ISO, ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
DensDeck, DensDeck Prime Minimum ¼" thick	**N/A**	**N/A**

Note: Base insulation layer shall be adhered to the anchor sheet with TITESET Roofing Adhesive (3M Polyurethane Foam Insulation Adhesive CR-20), Millennium One Step Foamable Adhesive, OlyBond 500, OlyBond Green, Pliodeck or Insta-Stick spaced 4" o.c. Optional top layer of insulation shall be adhered to the base layer with TITESET Roofing Adhesive (3M Polyurethane Foam Insulation Adhesive CR-20), Millennium One Step Foamable Adhesive, OlyBond 500, OlyBond Green, Pliodeck or Insta-Stick spaced 6" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Top insulation layer shall be primed with FlintPrime SA at a rate of 0.3 gal/square.

Base Sheet: One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid-Ply, self-adhered.

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar, self-adhered.

Surfacing: (Optional) Any of the approved surfacing/coating options listed in Table 4.

Maximum Design Pressure: -52.5 psf (See General Limitation #7.)

Membrane Type: SBS MODIFIED, SELF-ADHERING

Deck Type 1I: Wood, Insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank.

System Type A(2): Anchor sheet mechanically fastened, optional top layer adhered with approved adhesive

All General and System Limitations apply.

Anchor Sheet: One ply of All Weather/ Empire Base Sheet, Yosemite Venting Base Sheet, Flexiglas Base Sheet, Flintlastic Poly SMS Base Sheet or Flintlastic Ultra Poly SMS Base Sheet mechanically attached as detailed below.

Fastening: Anchor sheet shall be fastened with FBC HVHZ nails and tin caps spaced 8" o.c. at the 3" lap and 8" o.c. in three, equally spaced center rows.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
H-Shield, FlintBoard$_H$ ISO, ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick	**N/A**	**N/A**

Note: Base insulation layer shall be adhered with TITESET Roofing Adhesive (3M Polyurethane Foam Insulation Adhesive CR-20) Millennium One Step Foamable Adhesive, OlyBond 500, OlyBond Green, Pliodeck or Insta-Stick spaced 4" o.c. Top layer of insulation shall be adhered with TITESET Roofing Adhesive (3M Polyurethane Foam Insulation Adhesive CR-20), Millennium One Step Foamable Adhesive, OlyBond 500, OlyBond Green, Pliodeck or Insta-Stick spaced 6" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Apply Flint-Prime SA to SECUROCK Gypsum-Fiber Roof Board surface at 0.3 gal/square.

Base Sheet: One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid-Ply, self-adhered.

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar self-adhered.

Surfacing: (Optional) Any of the approved surfacing/coating options listed in Table 4.

Maximum Design Pressure: -60 psf (See General Limitation #7.)

Membrane Type: SBS MODIFIED, SELF-ADHERING

Deck Type 1I: Wood, Insulated

Deck Description: Min $^{19}/_{32}$" thick or greater plywood or wood plank at max 24" spans attached 6" o.c. using 8d diameter ring shank nails.

System Type C(1): All layers of insulation simultaneously attached.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
FlintBoard ISO, ACFoam II, ENRGY 3, Multi-Max FA-3, H-Shield, FlintBoard$_H$ ISO Minimum 1.5" thick	**N/A**	**N/A**

Note: All layers shall be simultaneously fastened; see top layer below for fasteners and density.

Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
DensDeck Minimum ¼" thick	**1, 2, 3, 4, 5**	**1:1.33 ft²**

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. The insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Apply FlintPrime SA to DensDeck surface at 0.3 gal/square.

Base Sheet: One or more layer of Flintlastic SA Mid Ply, self-adhered.

Ply Sheet: (Optional) One or more layer of Flintlastic SA Mid Ply, self-adhered.

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar self-adhered.

Surfacing: (Optional) Any of the approved surfacing/coating options listed in Table 4.

Maximum Design Pressure: -45 psf (See General Limitation #7.)

Membrane Type: SBS MODIFIED, SELF-ADHERING

Deck Type 1I: Wood, Insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank.

System Type C(2): All layers of insulation simultaneously attached.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
FlintBoard ISO, ACFoam-II, ENRGY 3, Multi-Max FA-3, H-Shield, FlintBoard$_H$ ISO Minimum 1.5" thick	**6**	**1:1.45**

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. The insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: Apply FlintPrime SA to insulation surface at 0.3 gal/square.

Base Sheet: One or more layer of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar, Flintlastic SA Cap CoolStar, self-adhered.

Surfacing: (Optional) Any of the approved surfacing/coating options listed in Table 4.

Maximum Design Pressure: -60 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-Insulated
Deck Description:	**Deck 1:** Min. $^{19}/_{32}$" thick plywood attached using approved #8 wood screws spaced 6" o.c. at wood joists spaced max. 24" o.c.
	Deck 2: Minimum $^{19}/_{32}$" thick plywood attached using approved nails spaced 4" o.c. at wood joists spaced maximum 24" o. c
System Type E(1):	Base sheet mechanically fastened

All General and System Limitations apply.

Separation Sheet: (Optional)	One or more layers of Glasbase Base Sheet, loose laid.
Anchor/Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	Anchor sheet shall be fastened with FBC HVHZ nails and tin caps spaced 8" o.c. at the 4" lap and 8" o.c. in three, equally spaced center rows.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	**For Deck 1:** -52.5 psf (See General Limitation #7.) **For Deck 2:** -60.0 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-insulated
Deck Description:	Minimum $^{19}/_{32}$" thick plywood attached using 8d ring shank nails spaced 6"o.c. at wood joists spaced maximum 24" o.c.
System Type E(2):	Base sheet mechanically fastened.

All General and System Limitations apply.

Separation Sheet: (Optional)	One ply of GlasBase Base Sheet, loose laid.
Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	Fastened with FBC HVHZ nails and tin caps spaced 6" o.c. at the 3" lap and 6" o.c. in four, equally spaced staggered center rows.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR or Flintlastic SA Cap FR CoolStar, self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	-52.5 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min $^{19}/_{32}$" thick plywood at max 24" spans attached 6" o.c. using #8 wood screws.
System Type E(3):	Base sheet mechanically fastened

All General and System Limitations apply.

Anchor/Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	Anchor sheet shall be fastened with FBC HVHZ nails and tin caps spaced 6" o.c. at the 3" lap and 6" o.c. in three, equally spaced center rows.
Ply Sheet:	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar, Flintlastic SA Cap CoolStar self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	- 75 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min $^{19}/_{32}$" thick plywood at max 24" spans attached 6" o.c. using #8 wood screws.
System Type E(4):	Base sheet mechanically fastened

All General and System Limitations apply.

Anchor/Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	Anchor sheet shall be fastened with OMG #12 Standard Roofgrip with OMG 3 in. Round Metal Plates spaced 8" o.c. at the 3" lap and 8 o.c. in two, equally spaced center rows.
Primer:	Apply ASTM D41 primer to stress plates.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar, Flintlastic SA Cap CoolStar self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	- 82.5 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-insulated
Deck Description:	Minimum $^{19}/_{32}$" thick plywood attached using #10 wood screws spaced 6"o.c. at wood joists spaced maximum 24" o.c.
System Type E(5):	Base sheet mechanically fastened.

All General and System Limitations apply.

Separation Sheet: (Optional)	One ply of GlasBase Base Sheet, loose laid.
Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	OMG 3 in. Round Metal Plates with OMG #14 Heavy Duty fasteners or TruFast 3" Metal Insulation Plate with TruFast #12 DP or TruFast #14 HD Fasteners or FlintFast 3" Insulation Plates with FlintFast #12 or FlintFast #14 Fasteners spaced 6" o.c. at the 4" lap and 6" o.c. in three, equally spaced staggered center rows.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR or Flintlastic SA Cap FR CoolStar, self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	-97.5 psf. (See General Limitation #7)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-Insulated
Deck Description:	Min $^{19}/_{32}$" thick plywood at max 24" spans attached 6" o.c. using #8 wood screws.
System Type E(6):	Base sheet mechanically fastened

All General and System Limitations apply.

Anchor/Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	Anchor sheet shall be fastened with FBC HVHZ nails and tin caps spaced 4" o.c. at the 3" lap and 4" o.c. in four, equally spaced center rows for a total of five rows.
Ply Sheet:	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar, Flintlastic SA Cap CoolStar self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	- 105 psf (See General Limitation #7.)

Membrane Type:	SBS MODIFIED, SELF-ADHERING
Deck Type 1:	Wood, Non-insulated
Deck Description:	Minimum $^{19}/_{32}$" thick plywood attached using #10 wood screws spaced 4"o.c. at wood joists spaced maximum 24" o.c.
System Type E(7):	Base sheet mechanically fastened.

All General and System Limitations apply.

Separation Sheet: (Optional)	One ply of Glasbase Base Sheet, loose laid.
Base Sheet:	One or more layers of Flintlastic SA NailBase, mechanically attached as described below.
Fastening:	OMG 3 in. Round Metal Plates with OMG #14 Heavy Duty fasteners or TruFast 3" Metal Insulation Plate with TruFast #12 DP or TruFast #14 HD Fasteners or FlintFast 3" Insulation Plates with FlintFast #12 or #14 Fasteners spaced 6" o.c. at the 4" lap and 6" o.c. in four, equally spaced staggered center rows.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR or Flintlastic SA Cap FR CoolStar, self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	-127.5 psf. (See General Limitation #7)

WOOD DECK SYSTEM LIMITATIONS:

1. A slip sheet is required with Ply 4 and Ply 6 when used as a mechanically fastened base or anchor sheet.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE